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Snow Melt Control Package - DDC
Submittal - Page 1 of 2

Job or Customer :	
Location :	
Engineer :	
❑ Complies with Spec ❑ Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description

The SMCP Snow Melt Control Package contains: 2 NTC 12K sensors; the ETO2SMCNTR Snow Melt Control, which is designed to control a one or two zone snow melting system. The snow melting system may be started manually or automatically through the use of a Driveway Sensor (#DRVWSNS-SS). The control automatically adjusts the mixed supply water to the snow melting system by controlling a DDC Mixing Valve Motor (#58132 or #58300; sold separately). The control includes a Liquid Crystal Display (LCD) in order to view system status and operating information.
Driveway Sensor sold separately.

Component Technical Data

ETO2SMCNTR

Supply voltage: ..... 115/240V(ac) ±10%, 50-60 Hz
Built-in electronic power supply (SMPS): ... 24V(dc), 8VA
Output relays (potential-free contact, NO): . 3× 16A
Alarm relay (potential-free contact, NO): .... max. 5A
Control signal to actuator: ..... 0-10V(dc)
Supply voltage to actuator: ..... 24V(ac) / 100 mA
On/off differential: ..... 1.8°F / 1°C
Temperature range: ..... -4 to +50°F (-20 to +10°C)
Ambient temperature: ..... 32 to 122°F (0 to +50°C)
Ambient air humidity: 10-95%
Enclosure rating: ..... IP 20 / NEMA 1

ETF1899ASNS

Sensor: ..... NTC 12k (25°C = 12kΩ)
Range: ..... -4 to 148°F (-20 to 70°C)
Typical accuracy (amb. = 25°C): ..... At 65°C = 3-4°C lower than the water temperature
At 40°C = 1-2°C lower than the water temperature
Response Time ($T_{0.5}$): ..... 150 sec.
Typical settling time: ..... 15-20 min.
Operating voltage: ..... 230V(ac)

Standards / Listings

- CSA C US
- CE

Installation

Installation of must follow all of HeatLink's instructions and guidelines, including those in the installation instructions.

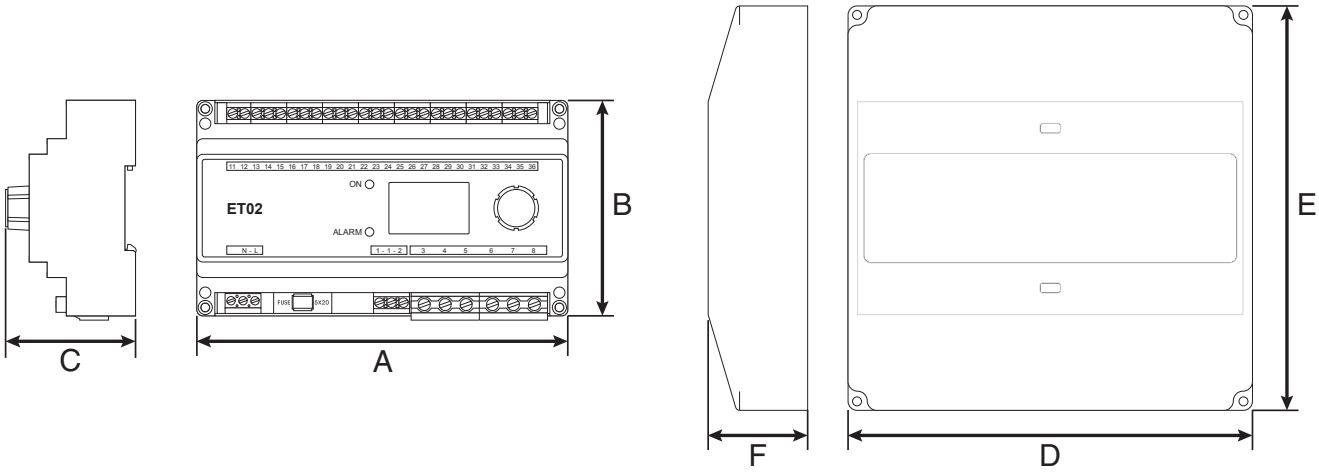
Related Documents

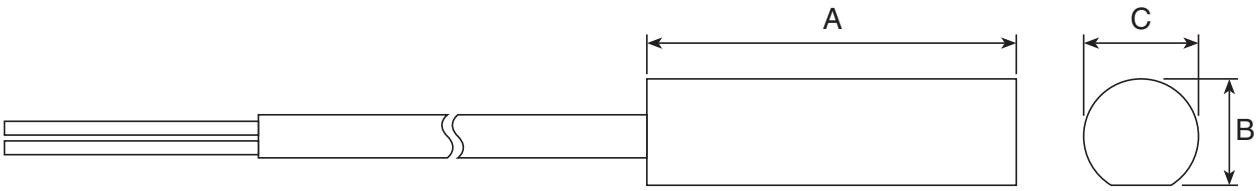
• HeatLink Limited Heating Warranty

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Qty	Stk. #	Component	Dimensions A	B	C	D	E	F	Weight
	SMCP	ETO2SMCNTR	6.14" (156 mm)	3.54" (90 mm)	2.17" (55 mm)	6.69" (170 mm)	6.69" (170 mm)	1.61" (41 mm)	1.32lb 600g
		ETF1998ASNS	1.57" (40.0mm)	0.45" (11.4mm)	0.49" (12.5mm)	**Sleeve** Polycarbonate	**Cable** 8.2' (2.5m) Jacketed Wire		0.4lb 180g





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